



### Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO
Electrical connection	1 male connector M8, 3 pins
Product specific application	Dynamic detection of passage of objects Static detection of passage of objects
Minimum object diameter for detection	Dynamic mode: 10 mm (0.1...70 m/s) Static mode: 15 mm

### Complementary

Enclosure material	Painted aluminium
Lens material	Altuglass
Type of output signal	Discrete
Output type	Solid state
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	18...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Maximum voltage drop	<2 V (closed state)
Current consumption	<= 150 mA no-load
Time delay range	0...5 s off-delay delay
Maximum delay first up	100 ms
Maximum delay recovery	0.1 ms
Setting-up	Sensitivity adjustment with potentiometer

### Environment

Product certifications	CE[RETURN]cULus
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	3000 Lux incandescent bulb 10000 lux natural light
Vibration resistance	25 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.8 cm
Package 1 Width	13.1 cm
Package 1 Length	16.3 cm
Package 1 Weight	74.0 g

## Offer Sustainability

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California proposition 65

WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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